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2. 5,728,398, Mar. 17, 1998, Feed additive for sows; Norimasa Onishi, et al., 424/442 [IMAGE AVAILABLE]
3. 5,631,131, May 20, 1997, cDNA probes and antibodies for human methenyltetrahydrofolate synthetase; Jacques Jolivet, et al., 435/6; 536/23.2, 24.1, 24.3, 24.31 [IMAGE AVAILABLE]
4. 5,624,686, Apr. 29, 1997, Feed additives for fattening pigs, feed for fattening pigs, and method of fattening pigs; Minoru Shimoda, et al., 424/489, 488, 490, 492 [IMAGE AVAILABLE]
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6. 5,389,516, Feb. 14, 1995, CDNA probes and antibodies for human methenyltetrahydrofolate synthetase; Jacques Jolivet, et al., 435/6; 536/23.2, 24.31 [IMAGE AVAILABLE]
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8. 5,217,974, Jun. 8, 1993, Method for treating gar-transformylase tumors in mammals and reducing mammalian toxicity; Gerald B. Grindey, et al., 514/260, 227.2, 267, 269, 275, 292, 293, 340, 342, 443, 445, 468 [IMAGE AVAILABLE]
9. 4,959,472, Sep. 25, 1990, Process for preparing substantially pure diastereoisomers of tetrahydrofolic derivatives; Hamish C. S. Wood, et al., 544/258 [IMAGE AVAILABLE]
10. 4,929,551, May 29, 1990, Process for producing L(-)-tetrahydrofolic acid; Tamotsu Eguchi, et al., 435/106, 119, 177, 191, 252.33, 280, 814, 849 [IMAGE AVAILABLE]
11. 4,628,090, Dec. 9, 1986, Fluorine-containing antifolates incapable of polyglutamate formation related compounds; James K. Coward, 544/258, 260 [IMAGE AVAILABLE]
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ABSTRACT:

A feed additive for sows containing, as an active ingredient, a **reduced** form of **folic** acid. Included are 7,8-dihydrofolic acid, **leucovorin**, liver powder, disrupted cells or cell extract of a microorganism, etc.

Accordingly, in the present invention, **reduced** forms of **folic** acid include 7,8-dihydrofolic acid (H.sub.2 **folic** acid) in which the pteridine ring of **folic** acid is **reduced**; H.sub.4 **folic** acids, such as 5,6,7,8-tetrahydrofolic acid (H.sub.4 **folic** acid), 5-formyl-H.sub.4 -**folic** acid, e.g. **leucovorin** [L-(-)-5-formyl-5,6,7,8-tetrahydrofolic acid], 5,10-methylene-H.sub.4 -**folic** acid, 5-methyl-H.sub.4 -**folic** acid, 10-formyl-H.sub.4 -**folic** acid, 5-methyl-H.sub.4 -**folic** acid, 5-formimino-H.sub.4 -**folic** acid, etc. and their derivatives, such as the poly-gamma-glutamic acid derivatives of each H.sub.4 **folic** acid (known as storage-forms of **folic** acid in liver).

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